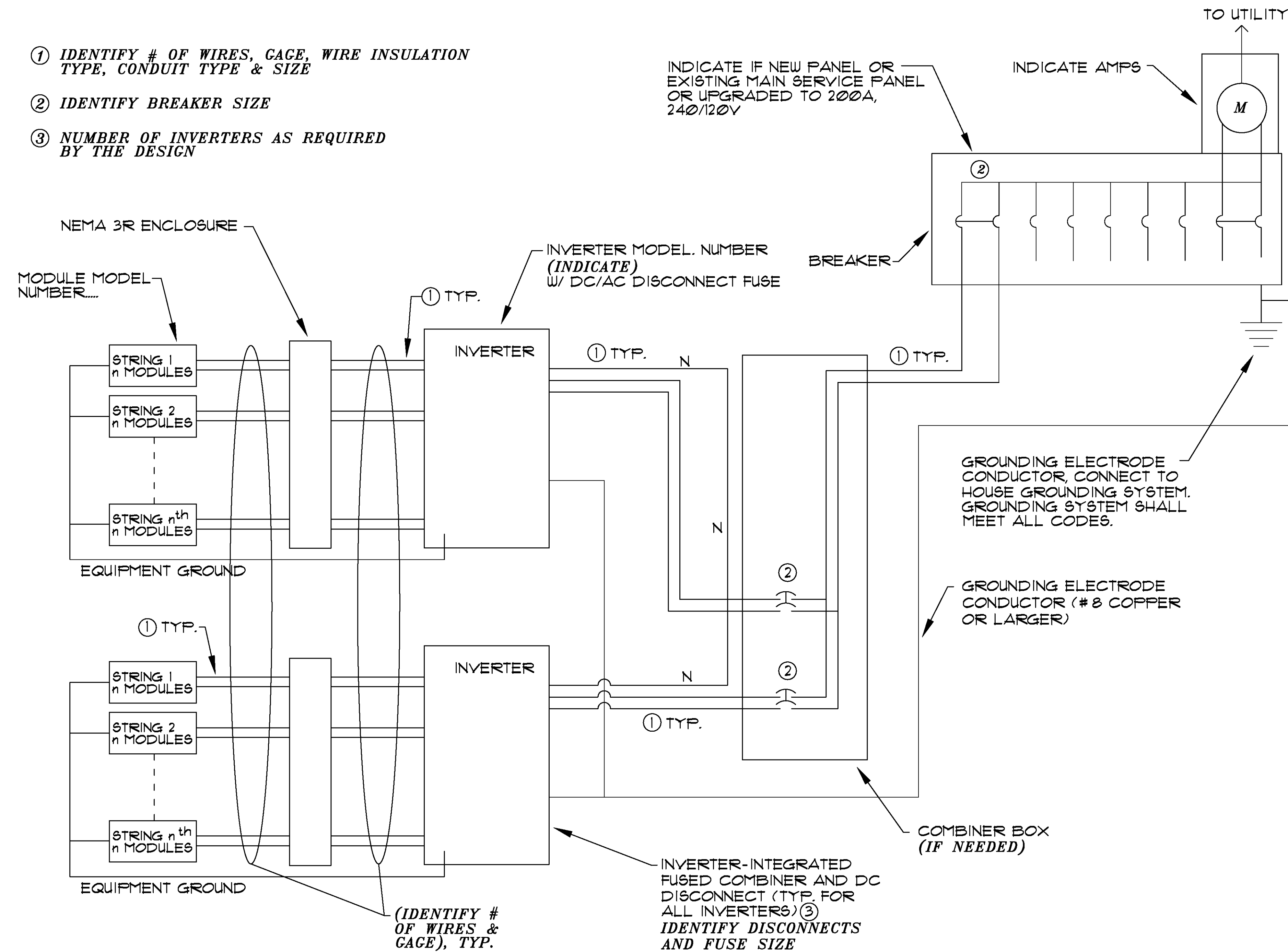


- ① IDENTIFY # OF WIRES, GAGE, WIRE INSULATION TYPE, CONDUIT TYPE & SIZE
- ② IDENTIFY BREAKER SIZE
- ③ NUMBER OF INVERTERS AS REQUIRED BY THE DESIGN



SINGLE LINE DIAGRAM

ALL PLAQUES AND SIGNAGE REQUIRED BY THE LATEST EDITION OF CALIFORNIA ELECTRICAL CODE AND THE SAN DIEGO AREA ELECTRICAL NEWSLETTER, WILL BE INSTALLED AS REQUIRED.

ALTERNATE POWER SOURCE PLACARD SHALL BE METALLIC OR PLASTIC, ENGRAVED OR MACHINE PRINTED LETTERS IN A CONTRASTING COLOR TO THE PLAQUE. THIS PLAQUE WILL BE ATTACHED BY POP RIVETS OR SCREWS OR OTHER APPROVED METHOD. IF EXPOSED TO SUNLIGHT, IT SHALL BE UV RESISTANCE.

PHOTOVOLTAIC DC CONDUCTORS ENTERING THE BUILDING SHALL BE INSTALLED IN METAL CONDUIT AND THE CONDUIT SHALL BE LABELED, "CAUTION DC CIRCUIT" OR EQUIVALENT EVERY 5 FT."

EXPOSED NON-CURRENT CARRYING METAL PARTS OF MODULE FRAMES, EQUIPMENTS, AND CONDUCTOR ENCLOSURES SHALL BE GROUNDED IN ACCORDANCE WITH 250.134 OR 250.136 (A) REGARDLESS OF VOLTAGE.

EACH MODULE SHALL BE GROUNDED USING THE SUPPLIED CONNECTION POINT IDENTIFIED ON THE MODULE AND THE MANUFACTURER'S INSTRUCTIONS.

IF THE EXISTING GROUNDING ELECTRODE SYSTEM
CAN NOT BE VERIFIED OR IS ONLY METALLIC WATER
PIPING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO
INSTALL A SUPPLEMENTAL GROUNDING ELECTRODE.

SHOW THE VALUES FOR THE SYSTEM SPECIFIC ELECTRICAL CHARACTERISTICS (ARTICLE 690.53):

1. OPERATING CURRENT
2. OPERATING VOLTAGE
3. MAXIMUM SYSTEM VOLTAGE
4. SHORT-CIRCUIT CURRENT

SHOW THE FOLLOWING INFORMATION FOR THE PROJECT:

1. (#) OF STRINGS
2. (#) OF MODULES IN EACH STRING
3. MANUFACTURER'S NAME AND THE MODEL NUMBER OF MODULES
4. MANUFACTURER'S NAME AND THE MODEL NUMBER OF THE INVERTER(S)
5. SERVICE BUS AMPERE RATING
6. MAIN BREAKER AMPERE RATING
7. PV BACK-FED BREAKER AMPERE RATING

NOTE:
ALL ITALIC FONTS SHALL BE MODIFIED TO
REFLECT ACTUAL PROJECT SPECIFIC DETAILS.

COMPANY LOGO

SIGNATURE &
LICENSE NUMBER

KW RATING OF THE SYSTEM

PROJECT NAME

PROJECT ADDRESS

LEGAL DESCRIPTION / ASSESSOR'S PARCEL NUMBER

CITY OF SAN DIEGO RESIDENTIAL PV PLAN TEMPLATE

REVISION	DATE
DRAWN BY:	
PROJECT NO.	
DATE:	
SHEET	

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